

ABSTRACT

A containment and test system for extremely toxic substances includes a fume hood, a containment compartment such as glove bag or box, positioned within the fume hood, a source of a non-reactive gas to provide a stable environment within the containment compartment, an inline moisture trap coupled to the source of non-reactive gas to dry the non-reactive gas, an ion neutralizer coupled to the source of non-reactive gas to reduce static charges within the containment compartment, a staging area for preparing test samples, a balance positioned within the containment compartment, a stanchion positioned within the fume hood for holding a test animal, and decontaminating apparatus for safely disposing of any toxic substance residue.